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SEQUENCE LISTING

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JEGOU, SYLVIE

LIHRMANN, ISABELLE

VAUDRY, HUBERT

<120> MAMMALIAN UROTENSINS II AND APPLICATIONS THEREOF

<130> 208888US0PCT

<140> 09/831,907

<141> 1999-11-26

<150> FR 98/14914

<151> 1998-11-26

<160> 44

<170> PatentIn version 3.1

<210> 1

<211> 124

<212> PRT

<213> Homo sapiens

<400> 1

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1 5 10 15

Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln
20 25 30

Leu Ser Ala Pro His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu
35 40 45

Arg Ala Ser Leu Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg
50 55 60

Gly Asp Ile Leu Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro
65 70 75 80

Arg Gly Asn Leu Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn
85 90 95

Ile Leu Leu Ser His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys
100 105 110

Arg Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val
115 120

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<212> PRT

<213> Homo sapiens

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20 25 30

Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg Gly Asp Ile Leu
 35 40 45

Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro Arg Gly Asn Leu
 50 55 60

Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn Ile Leu Leu Ser
 65 70 75 80

His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys Arg Glu Thr Pro
 85 90 95

Asp Cys Phe Trp Lys Tyr Cys Val
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<213> Homo sapiens

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cctttcaact	ctcagcacct	catgaagacg	cgcgcttaac	tccggaggac	gtagaaagag	180
cttcccttct	acagatactg	ccagagatgc	tgggtgcaga	aagaggggat	attctcagga	240
aagcagactc	aagtaccaac	atttttaacc	caataggaaa	tttgagaaag	tttcaggatt	300
tctctggaca	agatcctaac	attttactga	gtcatctttt	ggccagaatc	tggaaccat	360
acaagaaacg	tgagactcct	gattgcttct	ggaaatactg	tgtctgaagt	gaaataagca	420
tctgttagtc	agctcagaaa	cacccatctt	agaatatgaa	aaataacaca	atgcttgatt	480
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ggtgcagaaa	gaggggatat tctcaggaaa gcagactcaa gtaccaacat ttttaaccga 180
agaggaaatt	tgagaaagtt tcaggatttc tctggacaag atcctaacat ttactgagt 240
catcttttgg	ccagaatctg gaaaccatac aagaaacgtg agactcctga ttgcttctgg 300
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<213> Homo sapiens

<400> 6

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36

<210> 7

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<213> Homo sapiens

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aacccaagag gaaatttgag aaagtt

26

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ccaggtaaca atgaacaggg tgtag

25

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<211> 7

<212> PRT

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<400> 9

Cys Phe Trp Lys Tyr Cys Val
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<210> 16

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<213> Homo sapiens

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<210> 17

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<213> Homo sapiens

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<212> DNA

<213> Rattus sp.

<400> 18

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atgtctcttc agcttccagt gcttgaggaa aatgctcttc gggctctgga ggagctggag     180
aggactgccc tcctgcagac gctgcgccag accgtgggca cagaagcaga gggaagcctt     240
ggccaggcag atccagtg cagagactccc actccaaggg gaagcttgag gaaggctctc     300
actgggcaag attctaacac tgtactgagc cgtcttttgg cgagaaccag gaaacaacgt     360
aagcaacacg ggactgcccc agaatgcttc tggaagtact gcatttgaag agagacgtct     420
cctcagaacc atcacttcag gaaactaaag agcagatgct tgaagaaaaa tcgtgccaac     480
aacgccccgt tctccactat gagaaataaa ccctctatgt ttctcaact                    529
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<211> 312

<212> DNA

<213> Rattus sp.

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ggcacagaag cagagggaag ccttggccag gcagatccca gtgccgagac tcccactcca     180
aggggaagct tgaggaaggc tctcactggg caagattcta acactgtact gagccgtctt     240
ttggcgagaa ccaggaaaca acgtaagcaa cacgggactg cccagaatg cttctggaag     300
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tactgcattt ga 312

<210> 20

<211> 42

<212> DNA

<213> Rattus sp.

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<210> 21

<211> 20

<212> DNA

<213> Mus sp.

<400> 21
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<210> 22

<211> 20

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<213> Mus sp.

<400> 22
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<210> 23

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gcttccagtg cttgaggaag 20

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<211> 20

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<210> 25

<211> 20

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<213> Mus sp.

<400> 25
acggacactg gtgagaggac 20

<210> 26

<211> 20

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<400> 26
gagcgtcttc ctcaagcact 20

<210> 27

<211> 539

<212> DNA

<213> Mus sp.

<400> 27

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aagcaacacg gggctgcccc agagtgcctc tggaaatact gcatttgagg agacacaagc	420
gcccgttggt ctctcagaac cattacattc aggaaacggg cagagcagat gcttgaagca	480
aaatcacgct aacgacgcct tgttcttcat tatgagaaat aaatcctcta tgtttctca	539

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<211> 443

<212> DNA

<213> Mus sp.

<400> 28

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cttcggggctc tggaggagct ggagaggatg gccctcctgc agaccctgcg tcagaccatg	120
ggcacggaag caggggagag ccctggagaa gcaggtccca gcaactgagac tcccactcca	180
cggggaagca tgaggaaggc tttcgtctggg caaaattcta aactgtact gagtcgtctc	240
ttggcaagaa ccaggaaaca acataagcaa cacggggctg cccagagtg cttctggaaa	300
tactgcattt gaggagacac aagcgcccgt tggctctctca gaaccattac attcaggaaa	360
cgggcagagc agatgccttga agcaaaatca cgctaacgac gccttgttct tcattatgag	420
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<211> 309

<212> DNA

<213> Mus sp.

<400> 29

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ggcacggaag caggggagag ccctggagaa gcaggtccca gcactgagac tcccactcca      180
cggggaagca tgaggaaggc tttcgctggg caaaattcta aactgtact gagtcgtctc      240
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<210> 30

<211> 123

<212> PRT

<213> Rattus sp.

<400> 30

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Met Asp Arg Val Pro Phe Cys Cys Leu Leu Phe Val Gly Leu Leu Asn
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Pro Leu Leu Ser Phe Pro Val Thr Asp Thr Gly Glu Met Ser Leu Gln
20          25          30
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Leu Pro Val Leu Glu Glu Asn Ala Leu Arg Ala Leu Glu Glu Leu Glu
35          40          45
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Arg Thr Ala Leu Leu Gln Thr Leu Arg Gln Thr Val Gly Thr Glu Ala
50          55          60
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Glu Gly Ser Leu Gly Gln Ala Asp Pro Ser Ala Glu Thr Pro Thr Pro
65 70 75 80

Arg Gly Ser Leu Arg Lys Ala Leu Thr Gly Gln Asp Ser Asn Thr Val
85 90 95

Leu Ser Arg Leu Leu Ala Arg Thr Arg Lys Gln Arg Lys Gln His Gly
100 105 110

Thr Ala Pro Glu Cys Phe Trp Lys Tyr Cys Ile
115 120

<210> 31

<211> 103

<212> PRT

<213> Rattus sp.

<400> 31

Phe Pro Val Thr Asp Thr Gly Glu Met Ser Leu Gln Leu Pro Val Leu
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Glu Glu Asn Ala Leu Arg Ala Leu Glu Glu Leu Glu Arg Thr Ala Leu
20 25 30

Leu Gln Thr Leu Arg Gln Thr Val Gly Thr Glu Ala Glu Gly Ser Leu
35 40 45

Gly Gln Ala Asp Pro Ser Ala Glu Thr Pro Thr Pro Arg Gly Ser Leu
50 55 60

Arg Lys Ala Leu Thr Gly Gln Asp Ser Asn Thr Val Leu Ser Arg Leu
65 70 75 80

Leu Ala Arg Thr Arg Lys Gln Arg Lys Gln His Gly Thr Ala Pro Glu
85 90 95

Cys Phe Trp Lys Tyr Cys Ile
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<210> 32

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<212> PRT

<213> Rattus sp.

<400> 32

Gln His Gly Thr Ala Pro Glu Cys Phe Trp Lys Tyr Cys Ile
1 5 10

<210> 33

<211> 123

<212> PRT

<213> Mus sp.

<400> 33

Met Asp Arg Val Pro Phe Cys Cys Leu Leu Phe Ile Gly Leu Leu Asn
1 5 10 15

Pro Leu Leu Ser Leu Pro Val Thr Asp Thr Gly Glu Arg Thr Leu Gln
20 25 30

Leu Pro Val Leu Glu Glu Asp Ala Leu Arg Ala Leu Glu Glu Leu Glu
35 40 45

Arg Met Ala Leu Leu Gln Thr Leu Arg Gln Thr Met Gly Thr Glu Ala
50 55 60

Gly Glu Ser Pro Gly Glu Ala Gly Pro Ser Thr Glu Thr Pro Thr Pro
65 70 75 80

Arg Gly Ser Met Arg Lys Ala Phe Ala Gly Gln Asn Ser Asn Thr Val
85 90 95

Leu Ser Arg Leu Leu Ala Arg Thr Arg Lys Gln His Lys Gln His Gly
100 105 110

Ala Ala Pro Glu Cys Phe Trp Lys Tyr Cys Ile
115 120

<210> 34

<211> 103

<212> PRT

<213> Mus sp.

<400> 34

Leu Pro Val Thr Asp Thr Gly Glu Arg Thr Leu Gln Leu Pro Val Leu
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Glu Glu Asp Ala Leu Arg Ala Leu Glu Glu Leu Glu Arg Met Ala Leu
20 25 30

Leu Gln Thr Leu Arg Gln Thr Met Gly Thr Glu Ala Gly Glu Ser Pro
35 40 45

Gly Glu Ala Gly Pro Ser Thr Glu Thr Pro Thr Pro Arg Gly Ser Met
50 55 60

Arg Lys Ala Phe Ala Gly Gln Asn Ser Asn Thr Val Leu Ser Arg Leu
65 70 75 80

Leu Ala Arg Thr Arg Lys Gln His Lys Gln His Gly Ala Ala Pro Glu
85 90 95

Cys Phe Trp Lys Tyr Cys Ile
100

<210> 35

<211> 17

<212> PRT

<213> Mus sp.

<400> 35

Gln	His	Lys	Gln	His	Gly	Ala	Ala	Pro	Glu	Cys	Phe	Trp	Lys	Tyr	Cys
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Ile

<210> 36

<211> 20

<212> DNA

<213> Rattus sp.

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<210> 37

<211> 20

<212> DNA

<213> Rattus sp.

<400> 37

tctcatagtg gagaacgggg

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<210> 38

<211> 20

<212> DNA

<213> Rattus sp.

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<210> 39

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<212> DNA

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<210> 40

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<210> 41

<211> 20

<212> DNA

<213> Rattus sp.

<400> 41

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<210> 42

<211> 20

<212> DNA

<213> Rattus sp.

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<210> 43

<211> 30

<212> DNA

<213> Rattus sp.

<400> 43

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<210> 44

<211> 30

<212> DNA

<213> Mus sp.

<400> 44

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